Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work:Construction of RCC Drain in Shooting Building Road At Ravindra Nagar Ward No.13 Shettyhalli Sub Division.

					Est .Cost Rs.200.00 Lakhs				
Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2016-17								
	Shettyhalli Main Road to Shooting Building Road R/S	Cum	1	410.00	1.10	1.20	541.20		
	Shettyhalli Main Road to Shooting Building Road L/S		1	780.00	1.10	1.20	1029.60		
	13th Cross Ayyppa L/o		1	135.00	1.00	1.00	135.00		
	4th Cross Ravindranagara N/S		1	90.00	1.00	1.00	90.00		
	4th Cross Ravindranagara S/S		1	30.00	1.00	1.00	30.00		
	For Foot Path		2	780.00	1.00	0.30	468.00		
	For Kerb Stone		2	780.00	0.30	0.30	140.40		
	Redoing UGD Damaged Line		1	200.00	0.90	1.80	324.00		
	Manholes		6	0.785	1.80	1.80	15.26		
							2773.46	**175.96**	**488018.09**
2	Removing B S Slab Drain And Stacking Page No25 Item No 5.32 PWD SR 2016-17								
	Shettyhalli Main Road to Shooting Building Road R/S	Sqm	1	410.00	1.35		553.50		
	Shettyhalli Main Road to Shooting Building Road L/S		1	780.00	1.35		1053.00		
	13th Cross Ayyppa L/o		1	135.00	1.35		182.25		
	4th Cross Ravindranagara N/S		1	90.00	1.35		121.50		
	4th Cross Ravindranagara S/S		1	30.00	1.35		40.50		
							1950.75	**65.72**	**128203.29**
3	Stone dust / Grit Page No.II PW,P&IWTD SR 2016-17								
	Redoing UGD Damaged Line	Cum	1	200.00	0.90	0.45	81.00		
							81.00	**848**	**68688**
4	Providing and laying in position to required level or slope 300 mm internal diameter salt glazed stone ware pipes grade A and jionting with stiff mixture of cement morter in proportion of 1:1, testing of pipes and joints ,including cost of materials labour charges complete as per specifications. (Page No.70, Item No. 11.4)PW,P&IWTD SR 2016-17								
	Redoing UGD Damaged Line	Rmtrs	1	200.00			200.00		
							200.00	**650.84**	**130168**

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5	Filling available earth around pipe lines cable in layers not exceeding 20cms, in depth compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost all labour complete as per specifications (Page No.6 Item No. 2.10)PW,P&IWTD SR 2016-17								
	Vide Qty No.01 85% Earth work Qty	Cum					324.00		
							324.00	**134.62**	**43616.88**
6	KSRB 12-5.3 : Constructing brick masonry circular type manhole 1.22 m internal dia at bottom 1.68 m deep and 0.56m dia at top, with table moulded and non modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and down size granite metal and making necessary channel in cement concrete M 15 with 20mm and down size granite metal, finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming to IS :12592, total weight length of cover and frame to be not less than 182 kg, fixed in cement concrete M 15 20mm and down size broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately) Specification No. KBS 12.4(Page No72, Item.11.39 PW,P&IWTD SR 2016-17								
	Manholes (Damaged Portion)	**No's**	6				6		
							6	**27691.44**	**166148.64**
7	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 Page No.12/ Item No. 4.3/ PWD SR 2016-17								
	Shettyhalli Main Road to Shooting Building Road R/S	Cum	1	410.00	1.10	0.15	67.65		
	Shettyhalli Main Road to Shooting Building Road L/S		1	780.00	1.10	0.15	128.70		
	13th Cross Ayyppa L/o		1	135.00	1.00	0.15	20.25		
	4th Cross Ravindranagara N/S		1	90.00	1.00	0.15	13.50		
	4th Cross Ravindranagara S/S		1	30.00	1.00	0.15	4.50		
	For Kerb		2	780.00	0.30	0.15	70.20		
	Redoing UGD Damaged Line	Cum	1	200.00	0.90	0.15	27.00		
							331.80		
	From Using Available coarse aggregates								
a	**Available CA**			**146.31**			**172.13**	**4443.52**	**764840.88**
b	**Remaining Balance Qty**						**44.48**		
	For Foot Path	**Cum**	2	780.00	1.00	0.15	234.00		
							278.48	**5159.02**	**1436658.09**

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8	KSSRB M400-7 Construction Of granular sub -base by providing coarse graded cushed stone aggregates of granite / trap / basalt material speading in uniform layers with motor grader on prepared surface,mixing by mix in place method with rotavator at OMC,and compacting with vibratory roller to achive the desired density. complete asper specification. **By mix in place mothod for Grading II Material** KSSRB Page No 156 Item No 20.6 and 20.6.3								
	For Foot Path	**Cum**	2	780.00	1.00	0.20	312.00		
	Redoing UGD Damaged Line		1	200.00	0.90	0.20	36.00		
							348.00	**1582.58**	**550737.84**
9	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.)(Page No. 18.tem No.4.49.1,PW,P & IWTD SR 2016-17)								
	Drain Rafi Concrete	**Cum**	1	410.00	1.10	0.15	67.65		
			1	780.00	1.10	0.15	128.70		
			1	135.00	0.90	0.15	18.23		
			1	90.00	0.90	0.15	12.15		
			1	30.00	0.90	0.15	4.05		
	Side Wall		2	410.00	0.15	1.00	123.00		
			2	780.00	0.15	1.00	234.00		
			2	135.00	0.15	0.90	36.45		
			2	90.00	0.15	0.90	24.30		
			2	30.00	0.15	0.90	8.10		
	For Kerb		2	780.00	0.30	0.15	70.20		
	Footh path		2	780.00	1.00	0.20	312.00		
	Redoing UGD Damaged Line		1	200.00	0.90	0.15	27.00		
							1065.83	**6231.74**	**6641944.29**
10	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting,. propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cilis and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No.15/ Item No. 4.31/ PWD SR 2016-17								
		Sqm	4	410.00	1.10		1804.00		
			4	780.00	1.10		3432.00		
			4	135.00	0.90		486.00		
			4	90.00	0.90		324.00		
			4	30.00	0.90		108.00		
							6154.00	**310.58**	**1911309.32**
11	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17								
	For RCC Drian	**Tonnes**		**656.63**	**x**	**58kgs**	38.08		
						Say	**38.08**	**64243.42**	**2446662.47**

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14	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete Page No.25/ Item No. 5.30/ PWD SR 2016-17							
		No's	2	840.00			1680.00	
							3733.33	331.78	1238645.33
15	KSRB 15-14.4: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved sade after thoroughly brushing the surfae, free from mortar drops and other forign matter including preparing the surface even and sand paper smooth, cost of materials, labour, Complete as per specification. Item No.15.51.2/Page No.116/ PWD SR 2015-16							
	For Kerb Painting	No's	2	840.00	0.45		756.00		
							756.00	95.40	72122.40
16	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.							
		Sqm	1	435.00		0.90	391.50		
			1	820.00		0.90	738.00		
	Damaged Slab		65	0.60		0.90	35.10		
			46				1164.60	1680.00	1956528.00
							Sub Total		17240136.16
17	KRIDL Charges at 8+1%								1551612.25
	Miscellaneous and PMC Charges 7%								1206809.53
18	Rounding off							1586.81	1442.05
							Grand Total		20000000.00
	(Rupees Two Hundreed Lakhs Only)								

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2016-17
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.
5 This work is not included in any other estimate.

Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ಸಂ. AE/DD/AS/171/17-18 7-10-17
ರೂ. Rs 200.00 Lakhs Two hundred lakhs only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ

ನಂ. CE/TS/225/17-18 ದಿನಾಂಕ : 17/10/2017
ರೂ. Rs. 200.00 Lakhs only/-
ಸಂ. ಇನ್ನೂರು ಲಕ್ಷಗಳು ಮಾತ್ರ/-
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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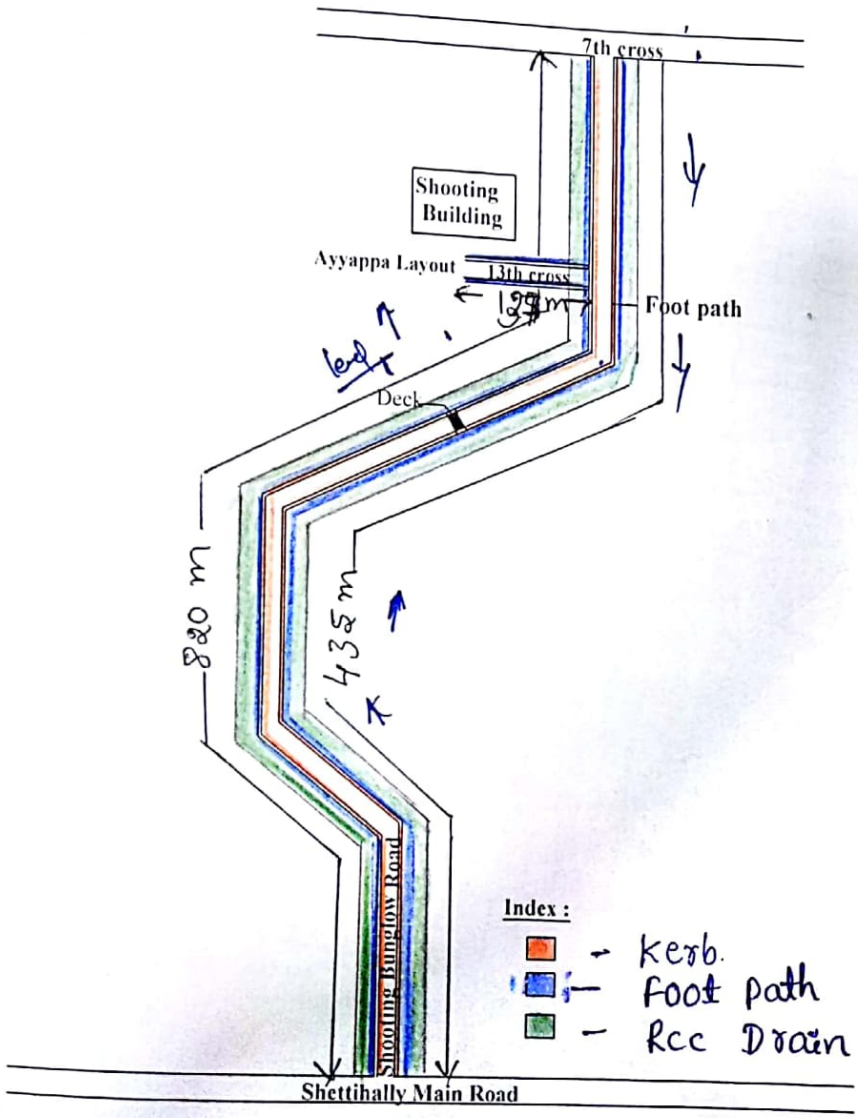
Name of work : Construction of RCC Drain in Shooting Building Road At Ravindra Nagar in Ward No 13 Shettihally Sub Division.



Asst.Engineer
Ward No.13

Asst.Executive Engineer
Shettihally Sub Division.

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